TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

August 5, 2008

TO: Internal File

THRU: James D. Smith, Permit Supervisor *DS 08/18/08*

FROM: Steve Christensen, Lead *SVC*

RE: Revision to Add Training Pad to Map, Task ID #3021, Consolidation Coal Company, Emery Deep Mine, C/015/0015

SUMMARY:

On July 25th, 2008, the Division of Oil, Gas and Mining (the Division) received an amendment from Consolidation Coal Company (the Permittee) to construct a concrete pad (37'x47'x4") at their existing surface facility. The concrete pad (Training Pad Area) will be located near the employee parking area. The purpose of the Training Pad Area is to facilitate annual MSHA safety training. A tent will be erected on the pad to provide shade during the MSHA safety training activities.

The Permittee submitted language that describes the Training Pad Area in Chapter II Page 11 of the approved MRP. Additionally, the Permittee submitted an updated Plate II-1, *Structures and Facilities Main Portal Area* that depicts the location of the proposed Training Pad Area.

The bond itemization tables in the approved MRP have been updated with the proposed Training Pad Area.

The amendment meets the State of Utah R645-Coal Mining Rules and should be approved.

TECHNICAL ANALYSIS:

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

General

The amendment meets the General requirements for Hydrologic Information as required by the State of Utah R645-Coal Mining Rules.

The proposed Training Pad Area is located within a previously disturbed area that lies adjacent to the employee parking lot (See Plate II-1, Structures and facilities Main Portal Area). The disturbed area that will encompass the Training Pad Area reports to sediment pond No. 8. D

Due to the minimal addition of impervious surface (0.04 acre) as result of the proposed Training Pad Area's construction, the runoff calculations do not to be revisited.

Findings:

The amendment meets the General requirements for Hydrologic Information as required by the State of Utah R645-Coal Mining Rules.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Mining Facilities Maps

The amendment meets the Mining Facilities Map requirements of the State of Utah R645-Coal Mining Rules.

Plate II-1, *Structures and Facilities Main Portal Area*, was modified to include the location of the proposed Training Pad Area.

Certification Requirements

The amendment meets the Certification Requirements of the State of Utah R645-Coal Mining Rules.

Plate II-1, *Structures and Facilities Main Portal Area*, was certified by Richard B. white, P.E.

Findings:

The amendment meets the Maps, Plans and Cross Sections of Mining Operations requirements of the State of Utah R645-Coal Mining Rules.

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

General

The amendment meets the Bonding and Insurance requirements as required by the State of Utah R645-Coal Mining Rules.

The bonding information within the approved MRP has been updated to reflect the construction of the proposed Training Pad Area.

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Findings:

The amendment meets the Bonding and Insurance requirements as required by the State of Utah R645-Coal Mining Rules.

RECOMMENDATIONS:

The amendment meets the State of Utah R645-Coal Mining Rules and should be approved.

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